

Converting Colors

XYZ(57.3117, 54.9806, 91.3508)

Have a look what the booklet for
XYZ(57.3117, 54.9806, 91.3508)
contains.

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Color

**XYZ(57.4664, 55.1080,
91.6125)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BEF2
RGB	197, 190, 242
RGB Percent	77%, 75%, 95%
CMY	0.2274, 0.2549, 0.0510
CMYK	0.19, 0.21, 0.00, 0.05
HSL	248°, 67%, 85%
HSV	248°, 21%, 95%
XYZ	57.4664, 55.1080, 91.6125
YIQ	198.0210, -12.5200, 17.6560

Conversions

Conversions Part 2

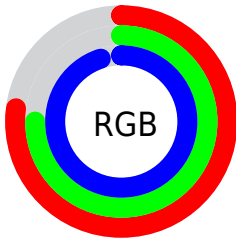
Format	Color
R _Y B	197, 190, 242
Decimal	12959474
CIE Lab	79.10, 12.87, -24.84
CIE LCh	79, 27.974, 297.381
Yxy	55.1080, 0.2814, 0.2699
Android (android.graphics.Color)	4291149554 (0xFFC5BEF2)
YUV	198.0210, 21.6816, -0.8954
Hunter-Lab	74.2348, 8.2691, -21.2050

Details

The XYZ color **57.4664, 55.1080, 91.6125** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.3091, 84.8855, 61.1329**, and the grayscale version is **53.5686, 56.3583, 61.3742**.

A 20% lighter version of the original color is **91.8788, 94.2024, 107.9481**, and **29.1363, 27.2761, 50.1835** is the 20% darker color. If you saturate the color by 10%, you get **47.5458, 42.8492, 89.7701**, and if you desaturate by 10%, it is **69.0226, 69.5045, 93.7831**.

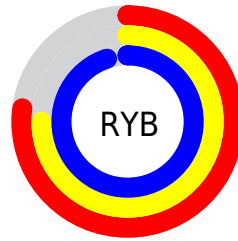
Distribution



Red (77%)

Green (75%)

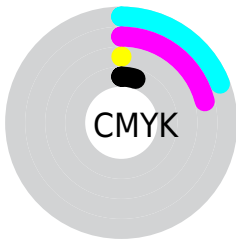
Blue (95%)



Red (77%)

Yellow (75%)

Blue (95%)

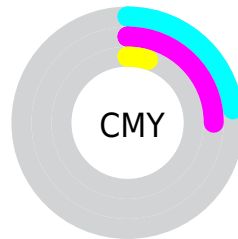


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4664, 55.1080, 91.6125 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.4664, 55.1080, 91.6125 by changing the saturation by 10% instead.

■ 57.4664, 55.1080,
91.6125

■ 57.4664, 55.1080,
91.6125

405.1807,
406.3212, 553.9673

■ 41.6214, 39.4882,
68.7376

■ 100.2728, 97.6992,
151.5312

■ 28.9948, 27.1397,
50.0276

127.9650,
125.4393, 189.4122

■ 19.2211, 17.6782,
35.0640

160.3370,
157.9884, 233.1322

■ 11.9351, 10.7192,
23.4282

197.7540,
195.7308, 283.1098

■ 6.7714, 5.8783,
14.7018

240.5816,
239.0508, 339.7636

■ 3.3646, 2.7712,
8.4661

289.1850,

■ 1.3494, 1.0135,

288.3330, 403.5120

4.3026

343.9295,
343.9617, 474.7738

■ 0.2197, 0.0000,
1.7928

■ 0.0000, 0.0000,
0.4232

■ 57.4664, 55.1080,
91.6125

■ 57.4664, 55.1080,
91.6125

■ 47.5458, 42.8492,
89.7701

■ 69.0226, 69.5045,
93.7831

■ 39.1813, 32.6193,
88.2364

■ 82.2786, 86.1270,
96.2929

■ 32.2948, 24.3104,
86.9955

■ 93.0272, 99.1909,
98.2480

■ 26.7992, 17.8014,
86.0288

■ 22.5979, 12.9577,
85.3153

■ 19.5820, 9.6253,
84.8311

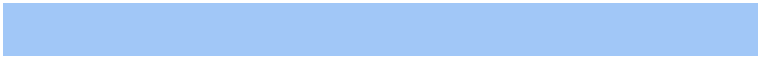
■ 17.6234, 7.6211,
84.5475

■ 16.6407, 6.7272,
84.4267

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.8900, 55.1080, 96.2064



57.4664, 55.1080, 91.6125



61.9393, 55.1080, 78.1267

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4664, 55.1080, 91.6125



58.3741, 55.1080, 37.6759



42.3803, 55.1080, 58.6107

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.4664, 55.1080, 91.6125



75.3091, 84.8855, 61.1329

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.8560, 55.1080, 44.9246



57.4664, 55.1080, 91.6125



52.8701, 55.1080, 34.2566

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4664, 55.1080, 91.6125



62.4889, 55.1080, 46.9589



47.6001, 55.1080, 36.6561



43.4221, 55.1080, 75.2638

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4664, 55.1080, 91.6125



63.5548, 55.1080, 66.9658



47.6001, 55.1080, 36.6561



42.5959, 55.1080, 53.5409

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.4682, 55.1103, 91.6137



85.6572, 88.1984, 107.1171



66.9913, 76.8143, 95.3011



18.1245, 18.6152, 22.8878



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4682, 55.1103, 91.6137



59.3727, 55.4409, 102.1796



64.8531, 58.9174, 91.9594



15.0951, 15.3307, 19.8851



9.0037, 3.6470, 45.3573



0.8108, 0.3352, 3.7762

Inverse Universe

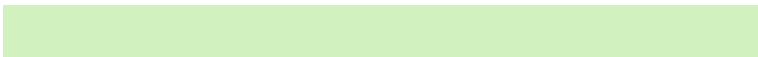
The Inverse Universe completely reimagines the original color for something new.



70.0285, 61.7045, 86.8187



76.0195, 64.1848, 95.6327



67.3614, 80.7883, 60.7610



16.3574, 15.9927, 19.4382



25.9199, 12.6404, 33.8242



2.1814, 1.0616, 2.9461

Previews

White Background



This preview shows how the XYZ color 57.4664, 55.1080, 91.6125 looks on a white background.

Color Contrast Check

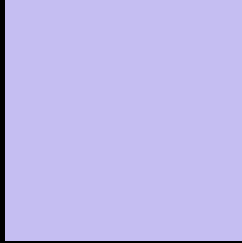
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.4664, 55.1080, 91.6125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

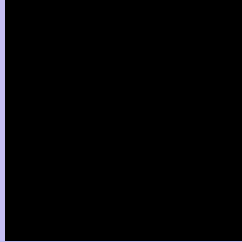
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4664, 55.1080, 91.6125

Background



This preview shows how black text looks on a background with the XYZ color 57.4664, 55.1080, 91.6125.



This preview shows how white text looks on a background with the XYZ color 57.4664, 55.1080,

91.6125.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.4664, 55.1080, 91.6125

Protanopia

55.5404, 55.3665, 94.1457

Deuteranopia

56.6149, 55.3165, 91.6976



Tritanopia

52.9837, 55.2594, 69.5016

Trichromacy



Original Color

57.4664, 55.1080, 91.6125

Protanomaly

56.3854, 55.4904, 93.3268

Deuteranomaly

56.9059, 55.1417, 91.6486

Tritanomaly

54.4689, 55.1950, 76.8901

Monochromacy



Original Color

57.4664, 55.1080, 91.6125

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.9414, 55.8910, 71.5107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4664, 55.1080, 91.6125 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 190, 242)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 190, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.4664, 55.1080, 91.6125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 190, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 190, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(197, 190, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 242);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4664, 55.1080, 91.6125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
190, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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